WITH THE FARMERS

By Prof. W. F. MASSEY



orrespondent asks:

the potatoes. The Nancy Hall sweet promotion of bacterial activity, I tato belongs to the so-called yam greatly prefer burnt lime. but not white, and cooks of a deep orange or pumpkin color. It makes about the usual growth of vine low as to the cheat there was doubtng entangled with the wheat roots. That is all, for you cannot grow a head of cheat on wheat plants.

Rye, Onts and Crimson Clover, From Bedford County: "I am thinking of sowing a mixture of orimson clover, rye and winter oats for spring y. Will the rye and oats mature ough to make good hay by the time What he clover will have to be cut? me should the sowing be made here?" have not much liking for crimson clover as a hay crop, though when mixed with grain it does cure better. do not think I would use the It makes poor hay at best, and would be better to use the oats alone or wheat. Where I live it is the common practice to sow wheat ith crimson clover, when the crop intended for hay. The only risk is that such early sowing may cause damage from the fly in the wheat. But it makes a very good hay crop, and tends to improve the curing of the I had rather sow oats alone then sow the clover seed, and brush smoothing harrow. Then cut the crop for hay as soon as the clover is in bloom, without regard to the condition of the oats. Some rye vill do no harm, but it is poor feed it best. In your section I would sow

"Can you tell me where to get a pure strain of the Early Jersey Wakefeld cabbage? I shall lose at least \$300 on what we have this year, as it all oats, from little dinky heads to the Charleston type. We are get-ting fine prices for good heads, and it have so many worthless." and the purest. Years ago used, truck grower to use this method and grow his own seed. Better use seed that cost you \$15 a pound than use seed of a mixed type for one-fifth the

How Lime Acts. From Louisa County: "Our county emonstration agent states that during his course at Blacksburg in the winter, he was told that the burnt, or caustic lime, would lose its caustic character if allowed to remain on the land several weeks exposed to sun and rain after spreading. The idea was that it would prevent the burning out ground limestone prevents the use that except near the stations. Now. if this is true, it should have some experience behind it, and as you are lime man I would appreciate a re-

Paris Green, etc. no interest in this, however. I know A Louisa County | that the organic decay in the soil must be carried through the process of nitrification or change to nitrates of will be any dan- its content of nitrogen before plants ger of poisoning can use the nitrogen. And I know that rish potatoes by the presence of lime carbonate in the over them soil greatly promotes the growth and lime mixed with
Paris green, a
tablespoonful to Paris green, a Green plants get carbon from the air through the action of their green matter, but these microscopical plants we lime, while the potatoes call bacteria have no green matter, but they have the power that no green pes? Does the Nancy Hall sweet plant has, in that they get carbon from make much vine? Is it red, or yellow? Years ago, as I was of lime. We want the organic matter wheat, I noticed a stalk of decomposed, and the plants to get the with a wheat head, and about nitrogen, and there will be no loss of wheat with a wheat head, and was a nitrogen, and there will be no loss of head of cheat growing from the water-slaked lime, though I have alwheat. How do you explain this?"

There is not the slightest danger of carbonated and dust-like before appoisoning the potatoes by applying plying it. Ground limestone, used Parls green to the tops. Parls green heavily, acts fairly well, but for the insoluble and cannot be taken up rapid sweetening of the soil and the

Weevils in Corn.

"I am badly troubled with weevils in stored corn. Have tried the carbon bisulphide, and have burnt sulphur in the bins, and neither does any good. Can you suggest anything else?" If the grain is in a closed bin, I have never known carbon bisulphine to fall to destroy the weevils There is a more certain method of destroying any living insect in the building, but it is a dangerous thing to handle, and can only be used in a perfectly close building, and not in a corn crib. This is the fumigation with hydrocyanic acid gas. This will kill anything from a plant louse to a horse or a man, if breathed. It is commonly used in houses, the nursery stock being put into a close building. The gas is made by dropping cyanide of potassium into sulphuric acid. It needs the most careful management, and no live animals anywhere in the building. It needs an expert to handle it, for a good breath of the gas would kill a man. Onlors Running to Seed.

I planted onion sets last fall in November, and in the richest part of the ground, where cow manure was used heavily the onions are mere shells with a hard stalk. Can you name the cause?" The onions have thrown up their flower stems to make seed, and that will always exhaust the bulb. You can rarely make good, ripe onlons from fall-planted sets. I use these only for early green onlons. To get good, ripe onlons sow the seed very early in spring. I will have a complete article on onion growing later, as there are a number inquiring about them.

Kniult on Sweet Potatoes, "What would be the effect of using kainit as a source for potash on the sweet potato crop?" To get the amount of potash I would prefer in a fertilizer for sweet potatoes, you certainly gotten badly in the same the State College Ex- of kainit that there would be salt Station in Pennsylvania has enough to almost kill the plants, I several years been testing all the use 10 per cent of potash in the lous strains of the Wakefield cabous strains of the Wakefield cab-, and they have published a bul-showing the results. You can a by writing to Prof. R. L. Watts, tor of the Pennsylvania Experi-tions, State College P. O., Pa., boot the various strains on the sulphute of nates. bout the various strains on the sulphate of potash only should be

late Peter Henderson described. From Surry County: "Please tell me tethod of growing good Wakefield how much potash and acid phosphate ed that was practiced by a gardener to use on peanuts and potatoes and ahead of his neighbors with this cab- have acres in truck, but can figure out he would not sell a seed to what I want from a statement by the As it was known that he acre." Unless you are using manure raised his own seed, they watched liberally on your garden, you will need him to find out his method. They found more than acid phosphate and potash that he cut all his cabbages for as a fertilizer, except for the peanuts market, but on certain stumps he had and beans. On these a mixture of red finnnel strips tied. These were the stumps from which he cut the earliest and best heads. He transplanted these and they made a quantity of sprouts. These were pulled off and rooted like cuttings in the greenhouse, and later planted thickly in cold plante and 400 pounds of muriate of trames to writer over like plants by the plants of trames to writer over like plants by the plants of the frames to winter over, like plants potash, and use half of this an acre, from fall-sown seed. They were trans- or 1,000 pounds spread broadcast. The planted in the spring, and at once ran soil on which I do this is sandy loam, into bloom and made seed. This was, of course, a costly method of growof course, a costly method of growof potash will hardly be needed, and ing the seed, but it gave the purest in fact on most crops none will be and best, as only selected plants were needed, if the soil is well stocked with used, while the general practice is to decaying organic matter from manure, grow seed from a lot of plants grown as such soils have plenty of insoluble

also gotten interested in the Skinner side buildings were saved. system of overhead irrigation, and I do you know of this system of water-ing gardens." The Skinner system is one of the greatest advances that been made in irrigation for gardens. By means of a series of little nozzles on a line of pipe running overhead high that it would prevent the burning out of the humus and loss of nitrogen. If such is the case, it would be a removal of the chief objection to its moval of the chief objection to its use by farmers living a long distance use by farmers living a long distance. bern, N. C., by the truckers there, and the plan is being adopted in all parts of the country. The water falls just like a gentle rain, and with the rocking pipes it is sprayed far and wide.
A letter received this morning from ply?" I have never taken much interest in the talk so many make about the danger of the use of burnt lime burning up the humus. Any lime slaked and spread on the land, rapidly returns to the condition of a carbonate, just as it exists in the rock. Then we want the lime to add in the nitrification of the organic decay in his overhead showering. This is that when late frost threatene to the and the lime to add in the nitrification of the organic decay in the soil. That is a large part of its work and it is the duty of the farmer to keep up a supply of the organic decay in his soil. This talk about the loss of nitrogen from using freshly water-slaked lime, is simply nonsense. My practice has been to always buy the fresh lump lime in bulk in carloads, and thus save the freighting of the water it takes to slake it, for good stone lime will more than double in bulk in slaking. Then I hauled the lime and piled it convenient to water and put on it water enough to make it fall in a powder. The heap is left standing a week or more to get completely slaked, and then applied. What your demonstrator told you was, I think, an error on his part. If the lime is spread as soon as slaked, and left it will not stay on the surface long, but will sink rapidly in the soll. Left over the field in heaps, it air-slakes, and becomes a carbonate, as it will also do if spread, but in spreading while caustic there is still the objection that has been urged in regard to its burning up humus. I take

NEWS OF=

APPEAL TO VOTERS

Temperance League Wants Big Vote Against Swansboro Saloons. The executive committee of the Manof which Rev. C. T. Thrift is chairman, issued yesterday an appeal to the voters to cast their ballots for the abolition of Swansboro saloons in the local option election to be held on Thursday. Involved in this contest are three saloons and one distillery, the statement yesterday being as follows in regard to the latter:

| Gled County, caused in part by these saloons. But the saloon advocates claim that the liquor revenue goes to pay the Governor and other State of pay the Governor and other State of and schools. That is not correct. A man cannot claim to support the State when he causes the State more expense than he pays taxes. The State is supporting him. So with the saloon.

liquor license tax from Manchester District, and as the distillery pays \$700, the State would lose \$2,100 a year, but the State paid \$5,315.68 last The executive committee of the Man-chester District Temperance League, of which Rev. C. T. Thrift is chairman, saloons. But the saloon advocates statement yesterday being as follows in regard to the latter:

"If the district votes 'dry,' the distillery cannot sell in the community by retail (see sections 581-585, Code of Virginia), but it can continue to manufacture and ship its products out of the district. Hence, the claim made, and cost the State \$452,543; 47 per cent of the paupers were saloon-made, and cost the State \$166,949; 35 per cent of the insane were saloon-made, and cost the State \$179,282. The state of the voters for sympathy."

Question of Revenue.

Bearing on the tax guestion. Mr. peal to the voters for sympathy."

Question of Revenue.

Bearing on the tax question, Mr.

Thrift's committee says:

"Bottled up completely on the question of county revenue, which has turned out to be such a boomerang, the saloon men have taken up the question of the loss to the State in builds a mile of road?"

offspring of the saloon, crime, pauperism and insanity, costs the State \$798,

774. The revenue from the liquor business was only \$520,799, leaving the tax-payers to make up \$277,975, and then pay all the State officials, etc. In the face of that who will dare say that the liquor revenue pays the Governor's salary, or educates a child, or builds a mile of road?"

Odds and Ends From the Wire

REAPER FREES FROG JONAH.

As It Cut Rattler in Two, Latest Lunch Hopped Out Alive.

Hazieton, Pa., July 14.—Somwhere in the Laurytown Valley a big frog is croaking, thanks to II. H. Sloat, of Rockport, who saved his life after he had been swallowed by a large rattlesmake in Sloat's field.

Sloat, while reaping, cut a rattler in half with the machine. From the forward half of the snake wriggled the frog after considerable effort, and as he emerged from his involuntary abode he leaped as in glee to escape such a fate. The frog had evidently been swallowed but a short time before the snake met his doom.

The snake had thirteen rattles.

MANHOLE DROWNS BOY.

Wading in Street Pool, Suddenly Disappears from Mates.

Reading, Pa., July 14.—Following the severe rainstorm, John Doyji, an eight-year-old boy, who with several companions was playing in the water which overflowed the street in the lower section of the city, fell into an open manhole and disappeared in the large storm sewer. All night and to-day search has been made in the sewer and men are dragging the Schuylkill near where the sewer empties, but without success.

FALL PUTS SPINE IN PLACE.

Readjusts Dislocation from Which Woman Suffered Thirty Years.

Bridgeville, Del., July R.—After thirty years of suffering with a dislocated spine, during which time she spent many thousands of dollars in this country and in Europe in efforts to obtain relief, Mrs. Charles Heim, of Ellendale, met with an accident at her home here a few days ago which forced the spine into piace, and her complete recovery is anticipated.

When a girl Mrs. Heim met with an accident which slipped the spine out of place, inflicting an injury pronounced incurable by many noted specialists in this country and abroad. She exhausted a fortune in her efforts to find relief, only recently spending \$16,000 in sanatoriums in Germany and France.

Mrs. Heim astonished her friends less night.

\$16,090 in sanatoriums in Germany and France.

Mrs. Heim astonished her friends last night by presiding over a meeting of the Ladies' Social Club. Her head was bandaged because of lacerations received by the fall downstairs, which she claims jarred the spine into place. Physicians are mystified, but believe the member has been permanently restored to its proper place.

FALL IN LAP MAY KILL MAN.

Fellow Tumbling from Roof and Landing on Him, Disappears.

New York, July 14.—The evening being warm, Hugh Kelly, forty-eight years old, and his wife went out to the stoop of their two-family house, in Stapleton, Staten Island, While the Kellys were conversing a man either fell or jumped from the roof and landed in Kelly's lap. Kelly, with a cry of agony, fell back. His wife sprang up just as the man was gaining his feet. She was too dazed to speak.

axed to spenk.

The man looked at Kelly, saw he was beoming unconscious, and, jumping to the
valk leading to the gate, he turned to Mrs.
Kelly and said, "Good-night," and fied,
Kelly will die.

To a detective Mrs. Kelly said she recognition

Newport Frowns on New Forms and Will Bar Them.

Newport, R. I., July 14.—From a variety of causes the so-called "rag" dances are quietly falling into disrepute among the smart set, and are being gradually abandoned in favor of the old-time "straight" dancing. There have been no requests made by any of the hostesses to their guests asking them not to dance these dances, but so-clety has quietly considered the matter and the flat will go forth shortly, it is said, that the one-time popular "bunny hug" type of dance is "bad form."

Ends.

North Bergen, N. J. July 14.—When Mrs. Emma Duerkes, sixty-four years old, was not seen around her home at 678 Hackensack Plank Road, neighbors investigated and found that she had not been home all night. While they were searching for her some-body remembered that for fifteen years it had been Mrs. Duerkes's custom to visit the grave of her husband, Peter Duerkes, every Saturday. They went to the nearby grave-yard and found Mrs. Duerkes dead upon her husband's neatly-kept grave.

GAY DECEIVER FRANTIC.

Failure of Sulcide Pact and Bride's Discovery Make Boy Wild.

Englewood, N. J., July 14.-John Simonovitz, seventeen years oid, became violent and tried to leap from a window of the Englewood Hospital when he learned for the first time that his young bride, who was Miss Barbara Ackerman, of Brooklyn, had come to know of the deceptions he had practiced on her. Together they took poison last Monday at Tenaffy.

The boy, a cobbler's son, in his courtship of Miss Ackerman had told her he was the son of a Southern millionaire, and finally, when he could keep up the pretense no longer, because of lack of funds, induced her to consent to die with him. Because of the small quantity of poison they took, dilutei with grape juice, and the fact that medical attention was given shortly afterward, both will recover.

IN RUNAWAY, HARVESTS FENCE.

BACK TO OLD-TIME DANCING.

DEAD ON HUSBAND'S GRAVE.

yard and found Mrs. Duerkes dead upon her husband's neatly-kept grave. Coroner Schlemm said that heart disease had caused a quick and painless death. Mrs. Duerkes is survived by a sister and two nieces. She had lived alone for years.

Farmer's Binder Brings Joy to Advertising Agent by Feat.

Thompsontown, Pa., July 14.—An old-time frolic took piace here Saturday, during which the season's crops were cut and garnered by E. E. Smith, a farmer recently injured in a runaway.

Smith was driving a staid old lead mare with two colts in the grain blinder, when the bridle dropped from the leader's head, causing the team to bolt. Twenty panels of post and rail fence and two poles of the United Telephone Company were cut down and Smith thrown from the seat and his ribs fractured.

News of Petersburg

5 Bollingbrook Street.

(Phone 1485) Petersburg, Va., July 14. The dwelling house of Edward

defective flue. His loss is estimated at



HAVE YOU SEEN THE New Method Gas Ranges -- AT --PETTIT & CO.'S?



Gas Ranges Reduced 10% 4Th AND BROAD STS. PONTUNE OTHERT & CO.



RICHMOND-YA. SHOWS

PURITY ICE REAM Menroe 184L

Reuben Lewis, another negro, near Butterworths, in Dinwiddle County Sunday morning.

The authorities are confident that Thweat, in Prince George County, they will be able to prove a willful about ten miles from Petersburg, was murder, and are using every effort to totally destroyed by fire Saturday obtain witnesses. They are confident evening about 4 o'clock. Thweatt was that there were witnesses present used, while the general plants grown as such soils have plenty of insoluble from seed, and these, of course are potash, which the organic acids will liable to vary. But it will pay any help to release.

In the lost all of his household effects, including his furniture. The fire is said to have been caused by a like proper time and tell all the facts. Being engaged in trucking. I \$600, with no insurance. Thweatt's city, owing to the fact that Dinwiddie thought to build me a little greenhouse, such as you say you have, for starting plants in spring. But I have of the neighbors, the barn and out-Lewis is confined in the jail in this

jumper belonging to the overseer of the camp. The men were chased in the direction of this city, where the trail was lost. It is believed that they disposed of the horse and jumper, as no trace of them can be found, although every effort has been made to locate the stolen property.

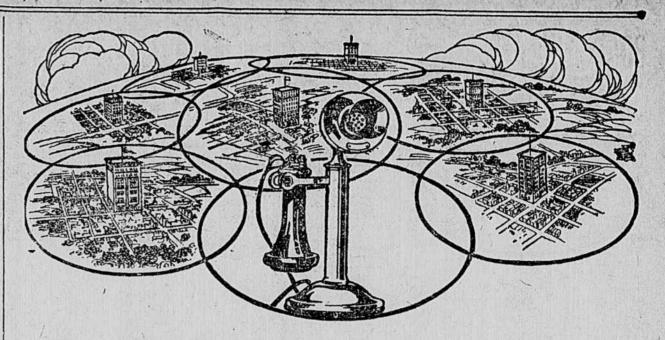
Wilkins, the negro who was good" as S. S. S. Beware of all substitutes.

8, by Alex. Dunn, was taken from the hospital Saturday and carried to his home on the heights. The bullet has never been located in Wilkins's body, as it was deemed inadvisable at the time to probe. Dunn will be arraigned for a preliminary trial in the police court on Wednesday morning.

Briefs and Personals. Mrs. Walter Thomas, of this city, nd her sister, Mrs. Lee Thurston, of Richmond, who has been visiting her, left this morning for Basic City to

visit their parents. The special committee from the Council appointed to report the best location for a new bridge to be built at a cost of \$47,000, and which is to take the place of the old wooden bridge known as Bishop's Bridge, will recommend that the new bridge be built by Several train loads of soldiers passed through the city yesterday en route

The regular monthly meeting of the Tri-county Farmers' Co-operative As-sociation of America, Virginia division, was held in this city Saturday, President H. J. Burnett, of Chesterfield County, presiding. The only business transacted was the changing of the name to the Southside Farmers' Edu-Virginia, so that other county organi-zations can join



Interlinking Talking Circles

ACH Bell Telephone is the center of a talking circle to which there are no arbitrary boundaries within the limits of speech transmission.

Each central office is a clearing house for telephone talk extending far beyond its own system.

Universal communication means not only intercommunication between subscribers in the same exchange system, and with those in other exchange systems, but also long distance communication with each connected telephone in the Bell system within speaking distance.

There are over 7,500,000 interconnecting Bell Telephones, each an open door for telephonic communication, uniting a nation of 92,000,000 people and promoting the happiness, the welfare and the prosperity of all.



Every Bell Telephone is a Long Distance Station

The Chesapeake & Potomac Telephone Company

Foss Tells Why Pact With enough to take in the factor of Can

not see how the tariff would be an issue in the Massachusetts campaign, and it is will find out that it is not. Why the Springfield Republican declared Because there's a 'live one' behind it.' that Canada and not the Democrats or Republicans defeated Taft's reciprocity

Now, I say," commented Governor PRESIDENT OF FRANCE

Lupus Worst Form of Skin Diseases

Here is a Home Treatment that Overcomes even Worst Cases.



ge Skulking Away if you use S. S. S.

A tiny pimple spreads to the side of the face and often covers the cheeks and bridge of the nose. It is very de-structive to the tissues of the skin. No Petersburg jail was selected by Judge Southall as the one in which persons charged with offenses in Dinwiddie should be incarcerated.

Two convicts employed on the roads in Chesterfield County made their escape from the camp Saturday night. cape from the camp Saturday night. The control of S. S. S., the famous blood specific. Its action is famous blood specific and has direct influence upon the network of small blood the race track. ence upon the network of small blood the race track.

vessels and glands in the skin.

Not one drop of minerals or drugs is



In Point of Magnitude

the reputation of our watches for keeping correct time is beyond question the greatest of any timepleces made. They are guaranteed to keep correct time-you take no risk.

The Diamond Merchant.

J. S. JAMES Jeweler and Optician. Seventh and Main Streets.

MEAL OF INDIAN CORN VS. HIGHCOST OF LIVING

Canada Failed to Go

Through.

[Special to The Times-Dispatch.]
Boston, Mass, July 14.—Governor Foss's statement regarding the tariff and its inhibition upon industry in general and the B. F. Sturtevant Company in particular, excited considerable comment to-day.

Charles S. Bird, the Progressive leader, who estabilished a branch of the control of th

said the Governor, with grim determi

Detachments of Native Regiments From
French Colonies Also on
Parnde.

Paris, July 14.—The presence of de-

Paris, July 14 .- The presence of detachments of native regiments from occasion so much concern, and a con-the French colonies in Africa, Tongking, Annam and Madagascar lent un-wonted interest to-day to the annual is somewhat amazing that the United review at Longchamp of the garrison States produces such an enormous crop of Paris by the President of the re-public on the occasion of the anniver-portion of this country it is consumed

dent of the colors of the forty regi-ments on parade, and the inspection of their escorts, all the troops marched past. The native detachments were given the place of honor at the head

lance dogs, which marched past in per-fect order.

During the review five army aeroplanes darted here and there over the heads of the troops, while a military dirigible circled and manoeuvred round the race track.

Inshes a food which is to many of makind very healthful and acceptable, and to some the staple of diet.

The recent study of physiologists, and Prof. Dunnington, isolates in fresh animal and vegetable foods a

CHARTERS ISSSUED

Charters were issued yesterday as

Henrico Guards and Mercantile Company, Incorporated, R. F. D. 5, Rich-mond; office, Henrico County. No capital stock. Henry Ross, president; Junius Brown, vice-president; Oscar Gibbs, secretary; James R. West, treas-urer, all of R. F. D. No. 5, Richmond, Amendment to charter Boswell & Tucker Company, Incorporated, Roanoke, changing name to Boswell Realty | Company, Incorporated.

Amendment to charter Lynchburg Investment Corporation, Lync/Durg, increasing capital stock from \$500,000 to

\$500,000.

City Auto Corporation, Pulaski.
\$10,000 to \$15,000. S. M. Lyons, president; W. H. Wysor, vice-president; Ro.
L. Gardner, secretary, all of Pulaski. The South Hill Hardware Company, Incorporated, South Hill, \$30,000 to \$75,000. G. M. Jones, president; D. H. Northington, vice-president; I. T. Nanney, secretary, all of South Hill. Princess Anne Lumber Company, In-corporated, Princess Anne Courthouse. \$3,000 to \$10,000. George N. Everton.

president; A. E. Kellam, secretary and treasurer; W. W. Everton, all of Prin-cess Anne Courthouse. The Warren Copper and Mining Company, Incorporated, Front Royal. \$50,000 to \$150,000. T. V. Leach, president; W. H. Board, vice-president; H. K. Laws, secretary and treasurer, all of Front Royal.

of Front Royal.

Simpson Land Corporation, Norfolk.
\$15,000 to \$50,000. Henry Fox, president; R. B. Mitchell, vice-president; J.
O. Perry, secretary and treasurer, of

Foss, "that this is an unfair statement. President Taft's reciprocity was not of the right brand. It was not broad speaker Tells Rural Life Conferthe right brand. It was not broad ance One Place to Cut ence One Place to Cut

Expenses.

Charles S. Bird, the Progressive talk of annexation."

Charles S. Bird, the Progressive talk of annexation."

You don't think reciprocity is dead, on "The Best Methods of Building Up then, Governor?"

Canada several years ago, said he could Canad States Department of Agriculture, told of the great work being done by the boys' corn clubs, and Prof. Carrier gave an interesting talk on the se-lection and breeding of corn. Dr. C. H. Robinson, president of the State Normal School, Montelair, N. J., gave an illustrated lecture on agriculture,

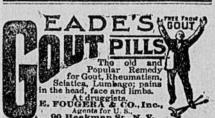
> nington, when the high prices of food public on the occasion of the anniver-sary of the taking of the Bastile in the form of bread to a very small extent. The considerable use of corn President Raymond Poincare was greeted on his arrival on the immense race track by one of the largest crowds which have ever attended the military spectacle. After the presentation to the Presi- A few estimate its use throughout the dent of the colors of the forty regi- Central and Western States as one-

> of the column, and received a tremendous ovation.
>
> Another feature of the review which made a great hit with the onlookers was a detaclement of military ambu-

vitalizing substance, which some call "tropogon," whose presence in digestive operations is absolutely necessary in order that the common nutrients may afford sustenance. It is suggested that this material, certainly present in fresh ground cornmeal, is very largely removed by such complicated processes as are employed in producing grits and cream-white meal, just as appears to be the trouble arising from eating exclusively polished rice or products of white flour, which by no means fully replaces the whole wheat flour of our

ancestors. To-night's session was given over to an illustrated lecture by Dr. W. Perry Reaves, of Greensboro, N. C., on personal hygiene, of the eight fundamen-tals necessary to grow a strong body— air, water and food to grow the body; Amendment to charter Roanoke Valley Orchards, Incorporated, Salem, increasing capital stock from \$200,000 to \$500,000.

City Auto Corporation, Pulaski.



Vacation Shoes in endless variety. Special prices on White Canvas Shoes

